

IN THE CLAIMS

Please amend the claims as follows:

1-54. (Cancelled)

55. (Previously Presented) A method of assembling a capacitor comprising:
 providing a conductor connected to at least one metal layer of a plurality of flat metal layers; and
 positioning the conductor between a first portion and a second portion of a capacitor case;
 welding the first portion to the second portion to form a mechanical and electrical connection between the conductor and the first portion and the second portion of the case.

56-57. (Cancelled)

58. (Previously Presented) The method of claim 57 wherein welding the conductor, the first portion, and the second portion comprises using an uninterrupted welding process.

59-63. (Cancelled)

64. (Previously Presented) The method of claim 55, wherein the at least one metal layer includes at least one cathode layer and wherein the conductor is connected to the at least one cathode layer.

65. (Previously Presented) The method of claim 55, wherein the at least one metal layer includes at least one anode layer and wherein the conductor is connected to the at least one anode layer.

66-77. (Cancelled)

78. (Previously Presented) A method comprising:

forming a flat capacitor stack including a conductor extending from the stack;

placing the flat capacitor stack within a capacitor case;

placing a lid on the capacitor case with the conductor between an edge of the case and the lid; and

welding the lid to the case such that the conductor is electrically connected to the case during the welding.

79. (Previously Presented) The method of claim 78, wherein forming a flat capacitor stack includes stacking alternate layers of a plurality of cathode layers and a plurality of anode layers.

80-81. (Cancelled)

82. (Previously Presented) The method of claim 78, wherein welding includes using an uninterrupted welding process.

83. (Previously Presented) The method of claim 78, wherein the conductor is connected to at least one cathode layer of the capacitor stack.

84. (Previously Presented) The method of claim 78, wherein the conductor is connected to at least one anode layer of the capacitor stack.